| TPE                                                                                                                                                                                                                                                                                 |                                                         | TEWARC                                                                       |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------|--|--|--|--|--|--|--|
|                                                                                                                                                                                                                                                                                     |                                                         | V 428                                                                        |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                     |                                                         |                                                                              |  |  |  |  |  |  |  |
| A THAY SHET                                                                                                                                                                                                                                                                         |                                                         |                                                                              |  |  |  |  |  |  |  |
| REQUEST                                                                                                                                                                                                                                                                             | Application No.                                         | 09/476,633                                                                   |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                     | Filing Date                                             | December 31, 1999                                                            |  |  |  |  |  |  |  |
| CONTINUED EXAMINATION (RCE)                                                                                                                                                                                                                                                         | First Named Inventor                                    | Li-Shun Wang                                                                 |  |  |  |  |  |  |  |
| Address to:<br>Mail Stop RCE                                                                                                                                                                                                                                                        | Art Unit                                                | 2823                                                                         |  |  |  |  |  |  |  |
| Commissioner for Patents<br>P.O. 1450                                                                                                                                                                                                                                               | Examiner Name                                           | Garcia, Joannie A.                                                           |  |  |  |  |  |  |  |
| Alexandria, VA 22313-1450                                                                                                                                                                                                                                                           | Attorney Docket Numbe                                   | r 42390P7832                                                                 |  |  |  |  |  |  |  |
| This is a Request for Continued Examination (RCE) under 3                                                                                                                                                                                                                           | 7 C.F.R. § 1.114 of                                     | the above-identified                                                         |  |  |  |  |  |  |  |
| application.<br>Request for Continued Examination (RCE) practice under 37 CFR § 1.114 does not apply to any utility or plant application filed prior to June 8, 1995,<br>or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2. |                                                         |                                                                              |  |  |  |  |  |  |  |
| 1. Submission required under 37 C.F.R. § 1.114 Note: If the RCE is proper, any previously filed unentered amendments and                                                                                                                                                            |                                                         |                                                                              |  |  |  |  |  |  |  |
| amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).         |                                                         |                                                                              |  |  |  |  |  |  |  |
| a.  Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office                                                                                                                                                                      |                                                         |                                                                              |  |  |  |  |  |  |  |
| action may be considered as a submission even if this box is no<br>i.  Consider the amendment(s)/reply under 37 C.F.R. §                                                                                                                                                            |                                                         | ton                                                                          |  |  |  |  |  |  |  |
| (Any unentered amendment(s) referred to above will be entered).<br>ii.                                                                                                                                                                                                              | · · ·                                                   |                                                                              |  |  |  |  |  |  |  |
| iii.  Other                                                                                                                                                                                                                                                                         | y Brief previously filed                                | 011                                                                          |  |  |  |  |  |  |  |
| b. 🛛 Enclosed                                                                                                                                                                                                                                                                       |                                                         |                                                                              |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                     | rmation Disclosure St                                   |                                                                              |  |  |  |  |  |  |  |
| ii. Affidavit(s)/Declaration(s) iv. X Other Preliminary Amendment (16 pages)                                                                                                                                                                                                        |                                                         |                                                                              |  |  |  |  |  |  |  |
| <ul> <li>2. Miscellaneous</li> <li>a. □ Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of</li> </ul>                                                                                                                 |                                                         |                                                                              |  |  |  |  |  |  |  |
| a. Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(i) required)                                                                |                                                         |                                                                              |  |  |  |  |  |  |  |
| b. Other                                                                                                                                                                                                                                                                            |                                                         |                                                                              |  |  |  |  |  |  |  |
| 3. Fees The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1                                                                                                                                                                                                          | .114 when the RCE is filed                              | l.                                                                           |  |  |  |  |  |  |  |
| <ul> <li>The Director is hereby authorized to charge the followir<br/>No. <u>02-2666</u>.</li> </ul>                                                                                                                                                                                | ig fees, or credit any                                  | overpayments, to Deposit Account                                             |  |  |  |  |  |  |  |
| i. X RCE fee required under 37 C.F.R. § 1.17(e) and an                                                                                                                                                                                                                              | y additional claims fee                                 | e(s)                                                                         |  |  |  |  |  |  |  |
| ii. 🔲 Extension of time fee (37 C.F.R. § 1.136 and 1.17)                                                                                                                                                                                                                            |                                                         |                                                                              |  |  |  |  |  |  |  |
| iii.  Other: (\$.00)                                                                                                                                                                                                                                                                |                                                         |                                                                              |  |  |  |  |  |  |  |
| <ul> <li>b. Check in the amount of \$770.00 enclosed</li> <li>c. Payment by credit card (Form PTO-2038 enclosed)</li> </ul>                                                                                                                                                         | 07/21/2004 SZEWDIE1                                     | · · · · ·                                                                    |  |  |  |  |  |  |  |
| WARNING: Information on this form may become public. Credit card information should not                                                                                                                                                                                             |                                                         |                                                                              |  |  |  |  |  |  |  |
| be included on this form. Provide credit card informa                                                                                                                                                                                                                               | tion and authorizatio                                   | n on PTO-2038.                                                               |  |  |  |  |  |  |  |
| SIGNATURE OF APPLICANT, ATTORN                                                                                                                                                                                                                                                      | EY, OR AGENT REQU                                       | IRED                                                                         |  |  |  |  |  |  |  |
| Name (Print/Type) Angelo J. Gaz                                                                                                                                                                                                                                                     |                                                         | ttomey/Agent) 45,907                                                         |  |  |  |  |  |  |  |
| Signature /m /h                                                                                                                                                                                                                                                                     | Date                                                    | July 14, 2004                                                                |  |  |  |  |  |  |  |
| CERTIFICATE OF MAILING OF                                                                                                                                                                                                                                                           |                                                         |                                                                              |  |  |  |  |  |  |  |
| I hereby certify that this correspondence is being deposited with the United States Post<br>mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box                                                                                                     | al Service on the date show<br>1450, Alexandria, VA 223 | vn below with sufficient postage as first class<br>13-1450.<br>July 14, 2004 |  |  |  |  |  |  |  |
| Name (Print/Type) Nadya Gordon                                                                                                                                                                                                                                                      |                                                         | · · · · · · · · · · · · · · · · · · ·                                        |  |  |  |  |  |  |  |
| Signature Madya Harday                                                                                                                                                                                                                                                              | Date                                                    | July 14, 2004                                                                |  |  |  |  |  |  |  |

Based on PTO/SB/30 (09-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 02/10/2004, SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|--------------|-------------|---------------------------------------------------|---------------------|------------------|---------|--|
| Complete if Known         Complete if Known         Complete if Known         Operation Number       09/476,633         Filing Date       December 31, 1999       |          |                 |              |             |                                                   |                     |                  |         |  |
|                                                                                                                                                                   |          | Applicatio      | n Nun        | nber        |                                                   | 476,633             |                  |         |  |
| for FY 2004                                                                                                                                                       |          | Filing Date     |              |             |                                                   | December 31, 1999   |                  |         |  |
|                                                                                                                                                                   |          |                 |              |             |                                                   | Li-Shun Wang        |                  |         |  |
| Applicant claims amall actify status See 27 CED 1 27                                                                                                              |          |                 | Name         | e           | Garcia, Joannie A.                                |                     |                  |         |  |
| Applicant claims small entity status. See 37 CFR 1.27.                                                                                                            |          | - Art Unit      |              |             |                                                   | 2823                |                  |         |  |
| TOTAL AMOUNT OF PAYMENT (\$) 770                                                                                                                                  | .00      |                 |              |             |                                                   | 90P7832             |                  |         |  |
| METHOD OF PAYMENT (check all that apply)                                                                                                                          |          |                 |              | FF          | E CALCULAT                                        | ION (continu        | ed)              |         |  |
|                                                                                                                                                                   | 3.       |                 |              |             |                                                   |                     |                  |         |  |
| - Check Credit card Money Other X None                                                                                                                            | ADDITIO  | DITIONAL FEES   |              |             |                                                   |                     |                  |         |  |
| Deposit Account                                                                                                                                                   | La       | arge Entity     | Sma          | Il Entity   | _                                                 |                     |                  |         |  |
| Deposit                                                                                                                                                           | Fe<br>Co |                 | Fee<br>Code  | Fee<br>(\$) | <b>F</b> -                                        | Dessister           |                  |         |  |
| - Account 02.2666                                                                                                                                                 |          |                 |              |             |                                                   | eDesciption         |                  | FeePaid |  |
| Number 02-2000                                                                                                                                                    | 100      |                 | 2061<br>2062 | 65<br>25    | Surcharge - late filing<br>Surcharge - late provi |                     |                  |         |  |
| Account<br>Name Blakely, Sokoloff, Taylor & Zafman LLP                                                                                                            |          | <b>.</b>        |              |             | cover sheet.                                      |                     |                  |         |  |
| Name Blakely, Sokololi, Taylol & Zalinali LLP                                                                                                                     | 202      | 53 130          | 2053         | 130         | Non-English specifica                             | tion                |                  |         |  |
| The Commissioner is authorized to: ( check all that apply)                                                                                                        | 18       |                 | 1812         | 2,520       | For filing a request for                          |                     | nation           |         |  |
| Charge fee(s) indicated below Credit any overpayments                                                                                                             | 180      | 04 920 °        | 1804         | 920         | <ul> <li>Requesting publication</li> </ul>        | on of SIR prior to  |                  |         |  |
| Charge any additional fee(s) or underpayment of fees as required under 37 CFR<br>\$\$116,117,118 and 120.                                                         |          | 05 1.840 *      | 4005         | 1,840       | Requesting publication                            |                     |                  |         |  |
| <ul> <li>§§ 1.16, 1.17, 1.18 and 1.20.</li> <li>Charge fee(s) indicated below, except for the filing fee</li> </ul>                                               | 180      | 00 1,040        | 1805         | 1,040       | Examiner action                                   | of Six alter        |                  |         |  |
| to the above-identified deposit account                                                                                                                           | 12       | 51 110          | 2251         | 55          | Extension for reply wi                            | ithin first month   |                  | I       |  |
| FEE CALCULATION                                                                                                                                                   | 12       | 52 420          | 2252         | 210         | Extension for reply wi                            | thin second month   |                  |         |  |
| 1. BASIC FILING FEE                                                                                                                                               | 12       | 53 950          | 2253         | 475         | Extension for reply wi                            | ithin third month   |                  |         |  |
| Large Entity Small Entity                                                                                                                                         | 12       |                 | 2254         | 740         | Extension for reply wi                            | ithin fourth month  |                  |         |  |
| Fee Fee Fee Fee Description FeePad                                                                                                                                | 12       |                 | 2255         | 1.005       | Extension for reply wi                            | ithin fifth month   |                  |         |  |
| Code (\$) Code (\$)                                                                                                                                               | 14       |                 | 2401         | 165         | Notice of Appeal                                  |                     |                  |         |  |
| 1001 770 2001 385 Utility filing fee                                                                                                                              | 14       |                 | 2402         | 165         | Filing a brief in suppo                           | rt of an appeal     |                  |         |  |
| 1002 340 2002 170 Design filing fee                                                                                                                               | 140      |                 | 2403         | 145         | Request for oral heari                            |                     |                  |         |  |
| 1003 530 2003 265 Plant filing fee                                                                                                                                | 14       |                 | 2451         | 1,510       | Petition to institute a                           | •                   | ing              | [       |  |
|                                                                                                                                                                   | 14       |                 | 2452         | 55          | Petition to revive - un                           |                     | •                |         |  |
| 1005 160 2005 80 Provisional filing fee                                                                                                                           | 14       |                 | 2453         | 665         | Petition to revive - un                           | intentional         |                  |         |  |
| SUBTOTAL (1) (\$)                                                                                                                                                 | 150      |                 | 2501         | 665         | Utility issue fee (or re                          |                     |                  |         |  |
| 2. EXTRA CLAIM FEES Extra Fee from                                                                                                                                | 150      |                 | 2502         | 240         | Design issue fee                                  | ·····,              |                  |         |  |
| 2. LATINA CLAIN FEES Extra Fee from<br>Claims below FeePad                                                                                                        | 150      | 03 640          | 2503         | 320         | Plant issue fee                                   |                     |                  | I       |  |
| Total Claims                                                                                                                                                      | 146      | 30 130          | 2460         | 130         | Petitions to the Comr                             | nissioner           |                  |         |  |
| Independent 9 X =                                                                                                                                                 | 180      | 57 50           | 1807         | 50          | Processing fee under                              | 37 CFR 1.17(q)      |                  |         |  |
| Multiple Dependent                                                                                                                                                | 180      | 06 180          | 1806         | 180         | Submission of Inform                              | ation Disclosure SI | tmt              |         |  |
| Large Entity   Small Entity                                                                                                                                       | 802      | 21 40           | 8021         | 40          | Recording each pater                              | nt assignment per   |                  |         |  |
| Fee Fee Fee Fee Fee Description<br>Code (\$) Code (\$)                                                                                                            |          |                 |              |             | property (times numb                              | per of properties)  |                  |         |  |
|                                                                                                                                                                   | 180      | 09 770          | 1809         | 385         | Filing a submission af<br>(37 CFR § 1.129(a))     | ter final rejection |                  |         |  |
| 1202         18         2202         9         Claims in excess of 20           1201         86         2201         43         Independent claims in excess of 3 | 181      | 10 770          | 2810         | 385         | For each additional in                            | vention to be       |                  |         |  |
| 1203 290 2203 145 Multiple Dependent claim, if not paid                                                                                                           |          |                 |              |             | examined (37 CFR §                                |                     |                  |         |  |
| 1204 86 2204 43 **Reissue independent claims over original                                                                                                        | 180      | й 770           | 2801         | 385         | Request for Continued                             | d Examination (RCI  | E)               | 770.00  |  |
| patent                                                                                                                                                            | 180      | 12 900          | 1802         | 900         | Request for expedited<br>of a design application  | l examination       |                  |         |  |
| 1205 18 2205 9 **Reissue claims in excess of 20 and over<br>original patent                                                                                       | Othe     | r fee (specify) | l            |             | or a ocean application                            |                     |                  |         |  |
|                                                                                                                                                                   |          |                 |              |             |                                                   |                     |                  |         |  |
| SUBTOTAL (2) (\$)                                                                                                                                                 | • Red    | uced by Basic F | ilina Fee    | Paid        |                                                   | SURTOTAL (2)        | /¢)              |         |  |
| **or number previously paid, if greater, For Reissues, see below * Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 770.00                                      |          |                 |              |             |                                                   |                     |                  |         |  |
| SUBMITTED BY                                                                                                                                                      |          |                 |              |             |                                                   | Com                 | olete (if applic | able)   |  |
| Name (Print/Type) Angelo J. Gaz                                                                                                                                   |          | Registratio     |              |             | 5,907                                             | Telephone           | (310) 20         |         |  |
| A                                                                                                                                                                 |          | (Attorney/Age   |              |             |                                                   |                     | · /              |         |  |
| Signature Man                                                                                                                                                     |          |                 |              |             |                                                   | Date                | 07/14/04         |         |  |

Based on PTO/SB/17 (10-03) as modified by Blakely Solokoff, Levior & Zafman (wtr) 02/10/2004. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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Attorney's Docket No.: 042390.P7832

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

Li-Shun Wang, John Chu

Serial No.: 09/476,633

Filed: December 31, 1999

For: REMOVAL OF RESIDUE FROM A SUBSTRATE

Examiner: Garcia, Joannie A.

Art Group: 2823

Confirmation No.: 8091

## PRELIMINARY AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

In connection with the filing of a Request for Continued Examination ("RCE"), Applicants respectfully request entry of the amendments set forth below and consideration of the remarks that follow.